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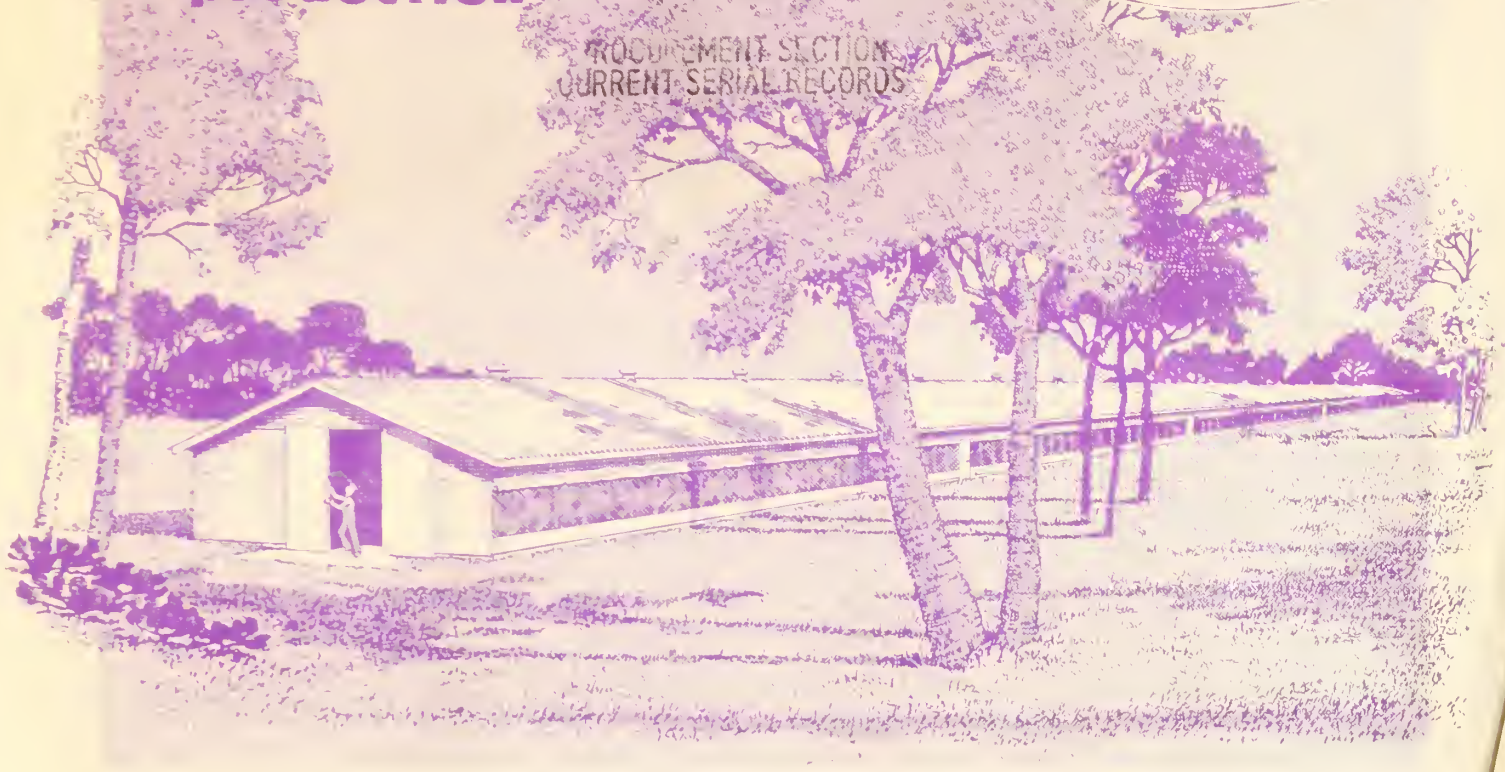
COOPERATIVE FARM BUILDING PLAN EXCHANGE

Plan No. 6085

(3 SHEETS)

Poultry House for large-scale production



The design for this poultry house was developed at Texas A & M University to meet the needs of large-scale poultry enterprises within that State and is intended to provide acceptable shelter for minimum cost.

The open building has adjustable curtains on the north and south sidewalls to regulate the natural, or gravity, ventilation system. This type of ventilation system requires the close attention of the poultryman and is largely dependent on weather conditions for effectiveness. The cost of ventilating fans and their operation is eliminated and possible power failures are no problem.

The house can be utilized in mild climate areas, or it can be modified for structural, ventilation, and heating requirements, as needed in other climates, to extend the usefulness of the basic design.

The house may be used for the production of broilers or as a laying house for market egg production, depending on the preference and judgment of the poultryman.

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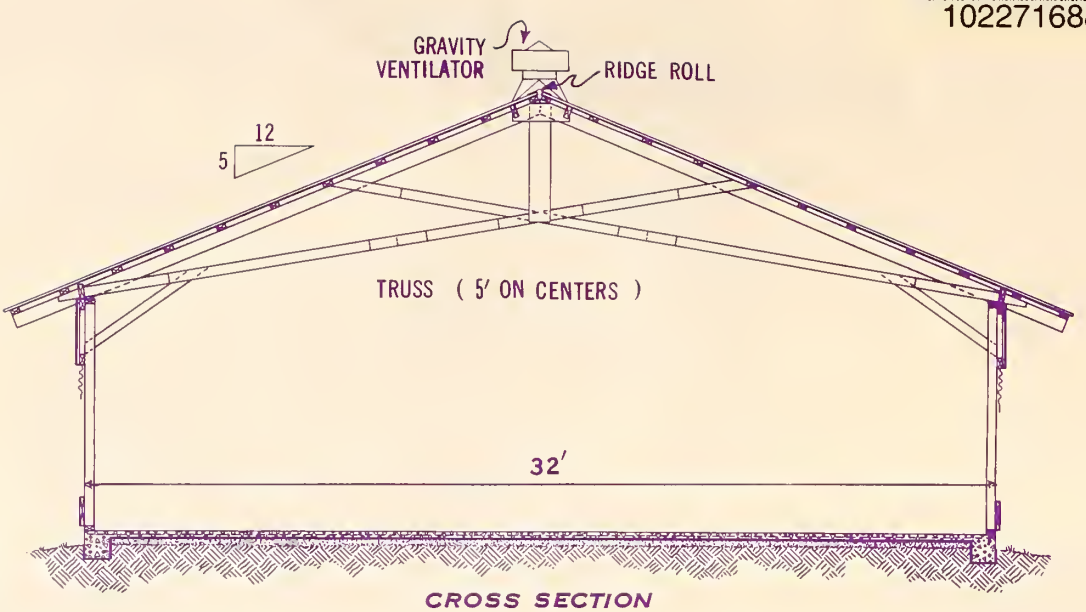

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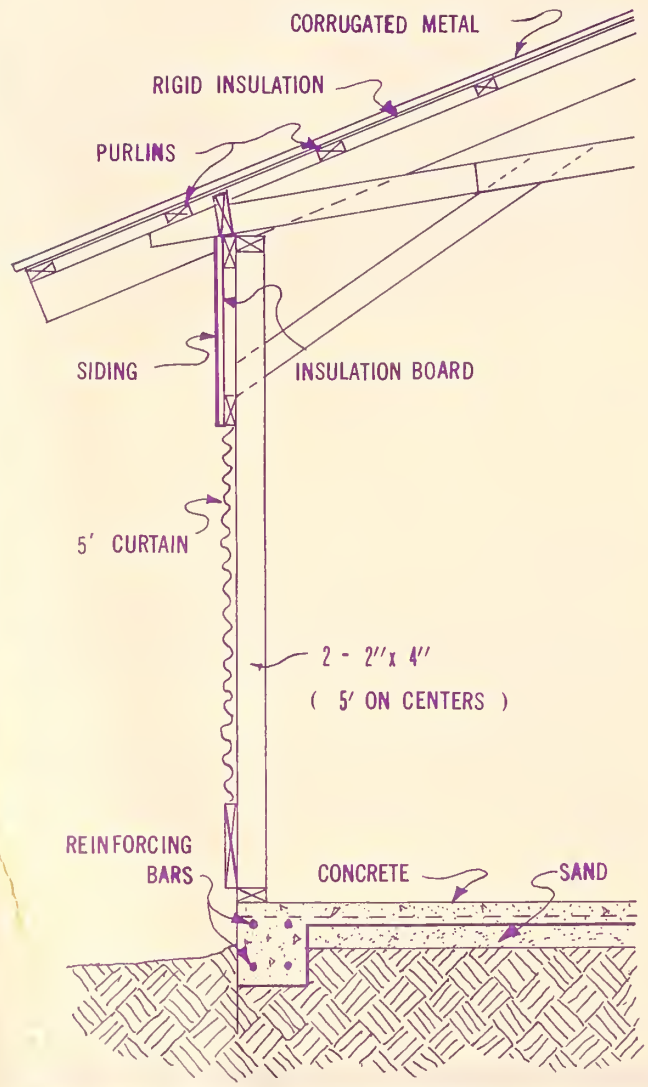

WALL DETAIL

The working drawings show only the construction details. Type or arrangement of equipment to be used in the operation, water, heating, and electrical requirements will be governed by the intended use and by local weather conditions.

The house is of light frame construction on a reinforced concrete, grade-beam foundation and has a concrete floor. Clear-span trusses that support the roof provide an unobstructed interior for maximum flexibility of use. Insulation under the sheet metal roofing and the siding is recommended to reduce the possibility of moisture condensation during cold weather and heat stress on the birds during hot weather.

NOTE: If the house should be built (or be converted later) for caged layers, floor-supported cages must be used because the roof trusses, as designed for this building, will not support the additional weight of the birds and cages.

Complete working drawings may be obtained from the extension agricultural engineer at your State university. There may be a small charge to cover cost of printing.

If you do not know the location of your State university, send your request to Agricultural Engineer, Extension Service, U.S. Department of Agriculture, Washington, D.C. 20250. He will forward your request to the correct university.

ORDER PLAN NO. 6085, POULTRY HOUSE FOR LARGE-SCALE PRODUCTION.

Agricultural Engineering Research Division AGRICULTURAL RESEARCH SERVICE

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